

8



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RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/931,583

DATE: 04/10/2002 8:5
TIME: 13:12:16

Input Set : A:\C1039-7053seq.txt

Output Set: N:\CRF3\04102002\I931583.raw

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3 <110> APPLICANT: Krieg, Arthur
4     Klinman, Dennis
5     Steinberg, Alfred
7 <120> TITLE OF INVENTION: Methods and Products for Treating HIV Infection
9 <130> FILE REFERENCE: C1039/7053(HCL)
C--> 11 <140> CURRENT APPLICATION NUMBER: US/09/931,583
12 <141> CURRENT FILING DATE: 2001-08-16
14 <150> PRIOR APPLICATION NUMBER: US 08/276,358
15 <151> PRIOR FILING DATE: 1994-07-15
17 <150> PRIOR APPLICATION NUMBER: US 09/415,142
18 <151> PRIOR FILING DATE: 1999-10-09
20 <160> NUMBER OF SEQ ID NOS: 75
22 <170> SOFTWARE: PatentIn version 3.0
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26 <212> TYPE: DNA
27 <213> ORGANISM: Artificial Sequence
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30 <221> NAME/KEY: misc_feature
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44 <221> NAME/KEY: misc_feature
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55 <213> ORGANISM: Artificial Sequence
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59 <223> OTHER INFORMATION: Synthetic Oligonucleotide
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66 <210> SEQ ID NO: 4
67 <211> LENGTH: 15
68 <212> TYPE: DNA

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72 <221> NAME/KEY: misc_feature
73 <223> OTHER INFORMATION: Synthetic Oligonucleotide
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77 <221> NAME/KEY: modified_base
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79 <223> OTHER INFORMATION: m5c
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86 <210> SEQ ID NO: 5
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88 <212> TYPE: DNA
89 <213> ORGANISM: Artificial Sequence
91 <220> FEATURE:
92 <221> NAME/KEY: misc_feature
93 <223> OTHER INFORMATION: Synthetic Oligonucleotide
96 <220> FEATURE:
97 <221> NAME/KEY: modified_base
98 <222> LOCATION: (13)..(13)
99 <223> OTHER INFORMATION: m5c
102 <400> SEQUENCE: 5
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106 <210> SEQ ID NO: 6
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108 <212> TYPE: DNA
109 <213> ORGANISM: Artificial Sequence
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113 <223> OTHER INFORMATION: Synthetic Oligonucleotide
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123 <213> ORGANISM: Artificial Sequence
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127 <223> OTHER INFORMATION: Synthetic Oligonucleotide
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137 <213> ORGANISM: Artificial Sequence
139 <220> FEATURE:
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141 <223> OTHER INFORMATION: Synthetic Oligonucleotide
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PATENT APPLICATION: US/09/931,583

TIME: 13:12:16

Input Set : A:\C1039-7053seq.txt

Output Set: N:\CRF3\04102002\I931583.raw

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159 <221> NAME/KEY: modified_base
160 <222> LOCATION: (3)..(3)
161 <223> OTHER INFORMATION: m5c
164 <220> FEATURE:
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166 <222> LOCATION: (10)..(10)
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172 <222> LOCATION: (14)..(14)
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187 <223> OTHER INFORMATION: Synthetic Oligonucleotide
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191 <221> NAME/KEY: modified_base
192 <222> LOCATION: (3)..(3)
193 <223> OTHER INFORMATION: m5c
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202 <212> TYPE: DNA
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205 <220> FEATURE:
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207 <223> OTHER INFORMATION: Synthetic Oligonucleotide
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212 <222> LOCATION: (18)..(18)
213 <223> OTHER INFORMATION: m5c
216 <400> SEQUENCE: 11
W--> 217 atcgactctc gagcgttntc 20
220 <210> SEQ ID NO: 12
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PATENT APPLICATION: US/09/931,583 TIME: 13:12:16

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237 <213> ORGANISM: Artificial Sequence
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265 <213> ORGANISM: Artificial Sequence
267 <220> FEATURE:
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269 <223> OTHER INFORMATION: Synthetic Oligonucleotide
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279 <213> ORGANISM: Artificial Sequence
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283 <223> OTHER INFORMATION: Synthetic Oligonucleotide
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291 <211> LENGTH: 20
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295 <220> FEATURE:
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296 <221> NAME/KEY: misc_feature
297 <223> OTHER INFORMATION: Synthetic Oligonucleotide
300 <220> FEATURE:
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303 <223> OTHER INFORMATION: m5c
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315 <220> FEATURE:
316 <221> NAME/KEY: misc_feature
317 <223> OTHER INFORMATION: Synthetic Oligonucleotide
320 <220> FEATURE:
321 <221> NAME/KEY: modified_base
322 <222> LOCATION: (14)..(14)
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330 <210> SEQ ID NO: 19
331 <211> LENGTH: 20
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335 <220> FEATURE:
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337 <223> OTHER INFORMATION: Synthetic Oligonucleotide
340 <400> SEQUENCE: 19
341 gagaacgatg gaccttccat 20
344 <210> SEQ ID NO: 20
345 <211> LENGTH: 20
346 <212> TYPE: DNA
347 <213> ORGANISM: Artificial Sequence
349 <220> FEATURE:
350 <221> NAME/KEY: misc_feature
351 <223> OTHER INFORMATION: Synthetic Oligonucleotide
354 <400> SEQUENCE: 20
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358 <210> SEQ ID NO: 21
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360 <212> TYPE: DNA
361 <213> ORGANISM: Artificial Sequence
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365 <223> OTHER INFORMATION: Synthetic Oligonucleotide
368 <400> SEQUENCE: 21
369 tccatgtcgg tctgatgct 20
372 <210> SEQ ID NO: 22

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→ Use of n and / or Xaa has been detected in the Sequence Listing. Review the Sequence Listing to ensure a corresponding explanation is present in the <220> to <223> fields of each sequence using n or Xaa.

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/931,583

DATE: 04/10/2002

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Input Set : A:\C1039-7053seq.txt

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L:11 M:270 C: Current Application Number differs, Replaced Current Application Number
L:83 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
L:103 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:177 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9
L:197 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10
L:217 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11
L:307 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17
L:327 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18
L:403 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23
L:423 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24
L:495 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:27
L:533 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28
L:599 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31
L:649 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32
L:711 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33
L:749 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:34
L:837 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:40
L:1067 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:56
L:1355 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:74
L:1393 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:75